

## CLAIMS

We Claim:

- 3           1. A method for sending a facsimile (fax) comprising the following:  
4           selecting, by a user, a phone number for a fax destination from a database  
5           residing on a handheld device;  
6           sending the phone number from the handheld device to a fax machine via  
7           wireless communication; and  
8           sending a fax transmission by the fax machine to the fax destination.
  
- 1           2. A method as in claim 1, wherein before selecting the phone number, the  
2           method includes the following:  
3           loading, by the user, a document into the fax machine;  
4           establishing communication between the fax machine and the handheld  
5           device; and,  
6           sending a command, by the fax machine to the handheld device,  
7           requesting the handheld device to prompt the user for a fax number.
  
- 1           3. A method as in claim 1 additionally including the following:  
2           querying the user, by the handheld device, whether to update a fax  
3           number database residing on the fax machine with the phone number for the fax  
4           destination from the database residing on the handheld device, including the  
5           following:

1                    sending a command from the handheld device to the fax machine  
2                    instructing the fax machine to update the fax number database residing on the  
3                    fax machine with the phone number for the fax destination.

1                    4. A method as in claim 1 additionally including the following:  
2                    querying the user, by the handheld device, whether to update a fax  
3                    number database residing on the fax machine with the phone number for the fax  
4                    destination, including the following:

5                    sending a command from the handheld device to the fax machine  
6                    instructing the fax machine to update the fax number database residing on the  
7                    fax machine with the phone number for the fax destination, the phone number  
8                    and additional information associated with the phone number being included  
9                    with the command.

1                    5. A method as in claim 1 wherein sending the phone number from the  
2                    handheld device to the fax machine includes the following:

3                    sending along with the phone number additional information stored in the  
4                    database residing on the handheld device, the additional information being  
5                    associated with the phone number.

1                    6. A method as in claim 1 wherein selecting, by the user, the phone  
2                    number for the fax destination includes selecting, by the user, at least one more  
3                    additional phone number for at least one additional fax destination.

1           7. A method as in claim 1, wherein before selecting the phone number, the  
2 method includes the following:

3           selecting, by the user, a discover option on the handheld device; and  
4           loading, by the user, a document into the fax machine.

1           8. A method as in claim 1 wherein sending the phone number from the  
2 handheld device to the fax machine includes the following:

3           sending an initiate fax command along with the phone number.

1           9. A method as in claim 1 wherein the handheld device is one of the  
2 following:

3           a cell phone;  
4           a personal digital assistant.

1           10. A fax machine comprising:

2           a document input;  
3           a wireless communication block; and,  
4           a controller, the controller, detects that a user has loaded a document into  
5 the fax machine, and attempts to use the wireless communication block to  
6 establish communication with a handheld device, and after establishing  
7 communication, receives from the handheld device a fax number for a fax  
8 destination.

1           11. A fax machine as in claim 10 wherein the fax machine, upon receiving  
2           the fax number from the handheld device, sends a facsimile transmission to the  
3           fax destination.

1           12. A fax machine as in claim 10 additionally comprising:  
2           a memory in which is stored a fax number database, wherein upon the fax  
3           machine receiving a command from the handheld device instructing the fax  
4           machine to update the fax number database, the fax machine updates the fax  
5           number database.

1           13. A fax machine as in claim 10 wherein the handheld device is one of the  
2           following:  
3           a cell phone;  
4           a personal digital assistant.

1           14. A handheld device comprising:  
2           a display;  
3           a memory in which is stored a database that includes phone numbers; and,  
4           a wireless communication block, wherein the handheld device uses the  
5           wireless communication block to establish communication with a fax machine  
6           and in response to a user selecting a phone number from the database and a fax

1 option, the wireless communication block sends a fax command and the phone  
2 number to the fax machine.

1 15. A handheld device as in claim 14 wherein after the wireless  
2 communication block sends a fax command and the phone number to the fax  
3 machine, the handheld device queries the user whether to update a fax number  
4 database residing on the fax machine with the phone number.

1 16. A handheld device as in claim 14 wherein when the user requests  
2 update of a fax number database residing on the fax machine, the handheld  
3 device sends a command to the fax machine instructing the fax machine to  
4 update the fax number database residing on the fax machine with the phone  
5 number for the fax destination from the database residing on the handheld  
6 device.

1 17. A handheld device as in claim 14 wherein when the user requests  
2 update of a fax number database residing on the fax machine, the handheld  
3 device sends a command to the fax machine instructing the fax machine to  
4 update the fax number database residing on the fax machine with the phone  
5 number for the fax destination and with additional information associated with  
6 the phone number.

1           18. A handheld device as in claim 14 wherein the handheld device is one  
2 of the following:

3           a cell phone;

4           a personal digital assistant.

1           19. Computer readable media that stores computer readable data which  
2 when executed by a processor within a fax machine, directs the fax machine to  
3 perform a method comprising the following:

4           upon detecting that a user has loaded a document into the fax machine  
5 performing the following:

6                     attempting to use a wireless communication to establish  
7 communication with a handheld device, and

8                     upon establishing communication, sending a command to the  
9 handheld device, the command, requesting the handheld device to prompt the  
10 user for a fax number.

1           20. Computer readable media as in claim 19, wherein the method  
2 additionally comprises the following:

3           sending a facsimile transmission to the fax destination upon the fax  
4 machine receiving a fax number from the handheld device.

1           21. Computer readable media as in claim 19, wherein the method  
2 additionally comprises the following:

1           updating a fax number data base within the fax machine upon the fax  
2 machine receiving a command from the handheld device instructing the fax  
3 machine to update the fax number database.

1           22. Computer readable media that stores computer readable data which  
2 when executed by a processor within a handheld device, directs the handheld  
3 device to perform a method comprising the following:

4           using wireless communication to establish communication with a fax  
5 machine; and,

6           sending a fax command and a phone number to the fax machine in  
7 response to a user selecting a fax option and a phone number from a database  
8 stored by the handheld device.

1           23. Computer readable media as in claim 22, wherein the method  
2 additional comprises:

3           querying the user whether to update a fax number database residing on  
4 the fax machine with the phone number.

1           24. Computer readable media as in claim 22, wherein the method  
2 additional comprises:

3           sending a command to the fax machine instructing the fax machine to  
4 update a fax number database residing on the fax machine with the phone

1     number for the fax destination from the database residing on the handheld  
2     device when the user requests the update.

1             25. Computer readable media as in claim 22 wherein the handheld device  
2     is one of the following:

3             a cell phone;  
4             a personal digital assistant.

1             26. A method performed by a fax machine, the method comprising the  
2     following:

3             upon detecting that a user has loaded a document into the fax machine  
4     performing the following:

5             attempting to use a wireless communication to establish  
6     communication with a handheld device, and

7             upon establishing communication, sending a command to the  
8     handheld device, the command, requesting the handheld device to prompt the  
9     user for a fax number.

1             27. A method as in claim 26 additionally comprising the following:

2             sending a facsimile transmission to the fax destination upon the fax  
3     machine receiving a fax number from the handheld device.

1             28. A method as in claim 26 additionally comprising the following:



1           updating a fax number data base within the fax machine upon the fax  
2 machine receiving a command from the handheld device instructing the fax  
3 machine to update the fax number database.

1           29. A method performed by a handheld device, the method comprising  
2 the following:  
3           using wireless communication to establish communication with a fax  
4 machine; and,  
5           sending a fax command and a phone number to the fax machine in  
6 response to a user selecting a fax option and the phone number from a database  
7 stored by the handheld device.

1           30. A method as in claim 29, additionally comprising the following:  
2           querying the user whether to update a fax number database residing on  
3 the fax machine with the phone number.

1           31. A method as in claim 29 additional comprising the following:  
2           sending a command to the fax machine instructing the fax machine to  
3 update a fax number database residing on the fax machine with the phone  
4 number for the fax destination upon the user request requesting the update.

1           32. A method as in claim 29 wherein the handheld device is one of the  
2 following:

1           a cell phone;  
2           a personal digital assistant.

1           33. A fax machine comprising:  
2           means for receiving documents;  
3           means for transmitting and receiving wireless communications; and,  
4           means for, upon detecting that a user has loaded a document into the fax  
5 machine, attempting to use the means for transmitting and receiving wireless  
6 communications to establish communication with a handheld device, and upon  
7 establishing communication, sending a command to the handheld device,  
8 requesting the handheld device to prompt the user for a fax number.

1           34. A fax machine as in claim 33 additionally comprising:  
2           means for storing a fax number database, wherein upon the fax machine  
3 receiving a command from the handheld device instructing the fax machine to  
4 update the fax number database, the fax machine updates the fax number  
5 database.

1           35. A handheld device comprising:  
2           means for displaying information;  
3           means for storing a database that includes phone numbers; and,       means  
4 for transmitting and receiving wireless communications, wherein the handheld  
5 device uses the means for transmitting and receiving wireless communications to

1     establish communication with a fax machine and in response to a user selecting a  
2     phone number from the database and a fax option, the means for transmitting  
3     and receiving wireless communications sends a fax command and the phone  
4     number to the fax machine.

1             36. A handheld device as in claim 35 wherein when the user requests  
2     update of a fax number database residing on the fax machine, the handheld  
3     device sends a command to the fax machine instructing the fax machine to  
4     update the fax number database residing on the fax machine with the phone  
5     number for the fax destination from the database residing on the handheld  
6     device.

1             37. A handheld device as in claim 35 wherein the handheld device is one  
2     of the following:  
3             a cell phone;  
4             a personal digital assistant.

5